

# Marvin G. Violantes

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Software Engineer | Full Stack Developer | JavaScript, Vue.js, Nuxt.js, Node.js, Python, MongoDB

## EDUCATION

### University of Arkansas

B.S in Computer Science, **GPA: 3.23/4.00**

Graduate Coursework in Computer Science, **GPA: 3.33/ 4.00**

Fayetteville, Arkansas

May 2024

August 2024 – May 2025

- **Related Coursework:** Data Structures & Algorithms, Full Stack Deep Learning, Mobile Programming, Software Engineering, Database Management Systems, Artificial Intelligence, Computer Security

## EXPERIENCE

### 7 Brew Coffee

Full Stack Developer

Springdale, Arkansas

May 2024 – Present

- Build and maintain full-stack internal tools using Vue.js, React, FastAPI, and MongoDB, including an asset tracker saving \$400/month and a nutrition calculator that improves support response efficiency for nutrition-related queries.
- Leading a cross-functional initiative with Operations, Communications, Training, and IT teams to oversee a major internal systems transition; manage vendor relationships and coordinate delivery milestones for a high-impact rollout currently in progress.

### University of Arkansas Honors College

Graduate Assistant for the Honors College Path Program

Fayetteville, Arkansas

Sep 2024 – May 2025

- Mentoring 85+ students through personalized 1:1 sessions and group workshops, offering academic advising, internship preparation, and career development support.
- Supported coordination of the Path Program's interview weekend by organizing current scholar roles, reviewing applications, and helping deliver a seamless event experience for 40+ prospective students and 100+ family members.

### Procter & Gamble (P&G)

Product/Solution Manager Intern – InfoSec Team

Cincinnati, Ohio

May 2023 – August 2023

- Audited and updated 60+ SailPoint IdentityIQ knowledge base articles to enhance company-wide IT compliance and improve access management documentation.
- Automated Kanban board migration from Planview to Jira by developing a Python script that integrated both APIs, streamlining portfolio tracking and reducing manual workload for the InfoSec team.

### J.B. Hunt

Application Development Intern

Fayetteville, Arkansas

January 2023 – May 2023

- Built an automated workflow using Microsoft Power Automate to create and assign tasks directly to Azure DevOps Scrum boards, reducing manual task entry and streamlining sprint planning.
- Improved the front-end of the Accounts platform by resolving bugs, implementing new features, and submitting pull requests. Supported ongoing development cycles and enhanced overall application performance.

### PricewaterhouseCoopers (PwC)

Start Intern

Dallas, Texas

June 2022 – July 2022

- Led a team of three interns on a data analytics project for Career Village, coordinating meetings and ensuring timely delivery of project deliverables.
- Used Alteryx to process, clean, and analyze datasets, then built interactive Power BI dashboards to surface key trends and enable data-driven decision-making.

### NACME - Google

Research Experience for Undergraduates (REU) – Applied Machine Learning

Fayetteville, Arkansas

June 2021 – August 2021

- Designed and implemented 5+ applied machine learning projects in a team of 3, utilizing neural networks, classification models, and computer vision techniques to address real-world problems.
- Developed a computer vision capstone project using Python, TensorFlow, and the SSD MobileNet V2 Object Detection model to detect and classify vehicle types and colors and keep count of vehicles.

## PROJECTS

### Barbershop Scheduler Web & Mobile App (Solo Developer)

May 2025 - Present

- Developing a full-stack scheduling and analytics platform for a local barbershop using React, Next.js, Tailwind CSS, and MongoDB with planned mobile support through React Native.

### Bluetooth Communication for Electrofishing Unit (Team Member)

January 2023 – December 2023

- Designed and implemented a mobile application using Android Studio and Kotlin to simulate data exchange with an electrofishing unit. Integrated Room Database storage, PDF export, and email functionality.

### Magic Hands (Team Member)

November 2022

- Implemented hand recognition using Google's MediaPipe API to recognize different hand gestures, enabling control of volume, play/pause, and soundtrack functions, resulting in 1st place out of 20+ teams.

## SKILLS

**Languages:** JavaScript, TypeScript, Python, Java, C++, HTML, CSS

**Frameworks & Libraries:** Vue.js, Nuxt.js, React, Node.js, FastAPI, Tailwind CSS, REST APIs

**Tools & Practices:** MongoDB, Power Automate, Azure DevOps, Git, GitHub, Postman, VS Code, Jira, Asana, Android Studio, Unity, GCP, Agile, CI/CD